

ABSTRACT

A foreign matter detecting and eliminating system detects and eliminates foreign matters included in a fluid, such as a fruit juice containing fibrous materials, a beverage and a liquid medicine. The foreign matter detecting and eliminating system includes: a tubular distribution head 6 having one closed end and one open end connected to a feed line for carrying a fluid and provided with a plurality of axially arranged oblong slits 11; a plurality of main passages 7 having a flat sectional shape and communicating with the interior of the distribution head 6 by means of the oblong slits 11; an optical foreign matter detecting device 14 combined with the main passages 7 to detect foreign matters included in the fluid flowing through the main passages 7; and foreign matter eliminating devices 15 disposed below the foreign matter detecting device 14 with respect to the flowing direction of the fluid and capable operating in response to a foreign matter detection signal provided by the foreign matter detecting device 14 to discharge a predetermined quantity of the fluid containing foreign matters.